RAW SEQUENCE LISTING   DATE: 12/21/2001
PATENT APPLICATION: US/09/701,080A   TIME: 13:05:35

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF3\12212001\I701080A.raw**

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```
   3 <110> APPLICANT: O'CONNOR, MARK J.
   4         ZIMMERMAN, HOLGER
   6 <120> TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN
P300 FOR USE IN
   7         TRANSCRIPTIONAL REGULATION
   9 <130> FILE REFERENCE: 117-328
  11 <140> CURRENT APPLICATION NUMBER: US 09/701,080A
  12 <141> CURRENT FILING DATE: 2001-02-27
  14 <150> PRIOR APPLICATION NUMBER: GB 9811303.8
  15 <151> PRIOR FILING DATE: 1998-05-26
  17 <150> PRIOR APPLICATION NUMBER: GB 9900157.0
  18 <151> PRIOR FILING DATE: 1999-01-05
  20 <160> NUMBER OF SEQ ID NOS: 36
  22 <170> SOFTWARE: PatentIn Ver. 2.1
  24 <210> SEQ ID NO: 1
  25 <211> LENGTH: 13
  26 <212> TYPE: PRT
  27 <213> ORGANISM: Artificial Sequence
  29 <220> FEATURE:
  30 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E1A
  33 <400> SEQUENCE: 1
  34 Val Asn Glu Phe Phe Pro Glu Ser Leu Ile Leu Ala Ala
  35   1               5                   10
  37 <210> SEQ ID NO: 2
  38 <211> LENGTH: 11
  39 <212> TYPE: PRT
  40 <213> ORGANISM: Artificial Sequence
  42 <220> FEATURE:
  43 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E1A
  45 <400> SEQUENCE: 2
  46 Val Asn Glu Phe Phe Pro Ala Ser Ala Ile Leu
  47   1               5                   10
  49 <210> SEQ ID NO: 3
  50 <211> LENGTH: 11
  51 <212> TYPE: PRT
  52 <213> ORGANISM: Artificial Sequence
  54 <220> FEATURE:
  55 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E1A
  58 <400> SEQUENCE: 3
  59 Val Asn Glu Phe Ala Pro Ala Ser Ala Ile Ala
  60   1               5                   10
  62 <210> SEQ ID NO: 4
  63 <211> LENGTH: 13
  64 <212> TYPE: PRT
  65 <213> ORGANISM: Artificial Sequence
  67 <220> FEATURE:
  68 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p53
  70 <400> SEQUENCE: 4
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```
71 Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro
72   1               5                   10
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 13
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E2F
82 <400> SEQUENCE: 5
83 Phe Asp Cys Asp Phe Gly Asp Leu Thr Pro Leu Asp Phe
84   1               5                   10
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 19
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from Mdm-2
95 <400> SEQUENCE: 6
96 Lys Lys Leu Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro
97   1               5                   10                  15
99 Ile Gln Met
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 19
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
109 <400> SEQUENCE: 7
110 Gly Cys Lys Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Leu
111   1               5                   10                  15
113 Ile Ala Leu
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 13
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E1A
123 <400> SEQUENCE: 8
124 Val Asn Glu Phe Phe Pro Glu Ser Leu Ile Leu Ala Ala
125   1               5                   10
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 13
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p53
135 <400> SEQUENCE: 9
136 Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro
137   1               5                   10
```

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139 <210> SEQ ID NO: 10
140 <211> LENGTH: 13
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from E2F
147 <400> SEQUENCE: 10
148 Phe Asp Cys Asp Phe Gly Asp Leu Thr Pro Leu Asp Phe
149    1               5                   10
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 13
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from TFIIB
159 <400> SEQUENCE: 11
160 Met Met Asn Ala Phe Lys Glu Ile Thr Thr Met Ala Asp
161    1               5                   10
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 13
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
171 <400> SEQUENCE: 12
172 Ala Glu Asp Gly Phe Glu Asp Gln Ile Leu Ile Pro Val
173    1               5                   10
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 13
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
183 <400> SEQUENCE: 13
184 Cys Thr Lys Met Phe Arg Asp Asn Ser Ala Met Arg Lys
185    1               5                   10
187 <210> SEQ ID NO: 14
188 <211> LENGTH: 13
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
195 <400> SEQUENCE: 14
196 Cys Gly Lys Ala Phe Val Glu Ser Ser Lys Leu Lys Arg
197    1               5                   10
199 <210> SEQ ID NO: 15
200 <211> LENGTH: 13
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
```

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204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from MyoD
207 <400> SEQUENCE: 15
208 Thr Thr Asp Asp Phe Tyr Asp Asp Pro Cys Phe Asp Ser
209   1   5   10
211 <210> SEQ ID NO: 16
212 <211> LENGTH: 19
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
219 <400> SEQUENCE: 16
220 Gly Cys Lys Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Leu
221   1   5   10   15
223 Ile Ala Leu
225 <210> SEQ ID NO: 17
226 <211> LENGTH: 19
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p300
233 <400> SEQUENCE: 17
234 Gly Cys Lys Arg Lys Thr Asn Gly Gly Cys Pro Ile Cys Lys Gln Leu
235   1   5   10   15
237 Ile Ala Leu
239 <210> SEQ ID NO: 18
240 <211> LENGTH: 151
241 <212> TYPE: PRT
242 <213> ORGANISM: Human papillomavirus
244 <400> SEQUENCE: 18
245 Met Phe Gln Asp Pro Gln Glu Arg Pro Arg Lys Leu Pro Gln Leu Cys
246   1   5   10   15
248 Thr Glu Leu Gln Thr Thr Ile His Asp Ile Ile Leu Glu Cys Val Tyr
249   20   25   30
251 Cys Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr Asp Phe Ala Phe Arg
252   35   40   45
254 Asp Leu Cys Ile Val Tyr Arg Asp Gly Asn Pro Tyr Ala Val Cys Asp
255   50   55   60
257 Lys Cys Leu Lys Phe Tyr Ser Lys Tyr Ser Glu Tyr Arg His Tyr Cys
258   65   70   75   80
260 Tyr Ser Leu Tyr Gly Thr Thr Leu Glu Gln Gln Tyr Asn Lys Pro Leu
261   85   90   95
263 Cys Asp Leu Leu Ile Arg Cys Ile Asn Cys Gln Lys Pro Leu Cys Pro
264   100   105   110
266 Glu Glu Lys Gln Arg His Leu Asp Lys Lys Gln Arg Phe His Asn Ile
267   115   120   125
269 Arg Gly Arg Trp Thr Gly Arg Cys Met Ser Cys Cys Arg Ser Ser Arg
270   130   135   140
272 Thr Arg Arg Glu Thr Gln Leu

RAW SEQUENCE LISTING
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Input Set : A:\Sequence Listing.txt
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```
273 145                    150
275 <210> SEQ ID NO: 19
276 <211> LENGTH: 49
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: polylinker of plasmid
pMALP
283 <400> SEQUENCE: 19
284 ggatccgtcg acctcgagcc cgggctgcag aagcttgatt gattagctt              49
286 <210> SEQ ID NO: 20
287 <211> LENGTH: 12
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <221> NAME/KEY: VARIANT
293 <222> LOCATION: (1)
294 <223> OTHER INFORMATION: Xaa represents Lys or Arg
296 <220> FEATURE:
297 <221> NAME/KEY: VARIANT
298 <222> LOCATION: (2)
299 <223> OTHER INFORMATION: Xaa represents Lys or Arg
301 <220> FEATURE:
302 <221> NAME/KEY: VARIANT
303 <222> LOCATION: (3)
304 <223> OTHER INFORMATION: Xaa represents any amino acid
306 <220> FEATURE:
307 <221> NAME/KEY: VARIANT
308 <222> LOCATION: (5)
309 <223> OTHER INFORMATION: Xaa represents any amino acid
311 <220> FEATURE:
312 <221> NAME/KEY: VARIANT
313 <222> LOCATION: (6)
314 <223> OTHER INFORMATION: Xaa represents any amino acid
316 <220> FEATURE:
317 <221> NAME/KEY: VARIANT
318 <222> LOCATION: (9)
319 <223> OTHER INFORMATION: Xaa is Val or Ile
321 <220> FEATURE:
322 <221> NAME/KEY: VARIANT
323 <222> LOCATION: (11)
324 <223> OTHER INFORMATION: Xaa represents Lys or Arg
326 <220> FEATURE:
327 <221> NAME/KEY: VARIANT
328 <222> LOCATION: (12)
329 <223> OTHER INFORMATION: Xaa represents any amino acid
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of
transcriptional adaptor
333         motif (TRAM)
335 <400> SEQUENCE: 20
```

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/701,080A**

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Input Set : **A:\Sequence Listing.txt**
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L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22